

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091215\
 Data File : BG018646.D
 Acq On : 11 Sep 2015 19:26
 Operator : UM/IZ
 Sample : G3612-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Sep 12 00:38:37 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 10:44:16 2015
 Response via : Initial Calibration

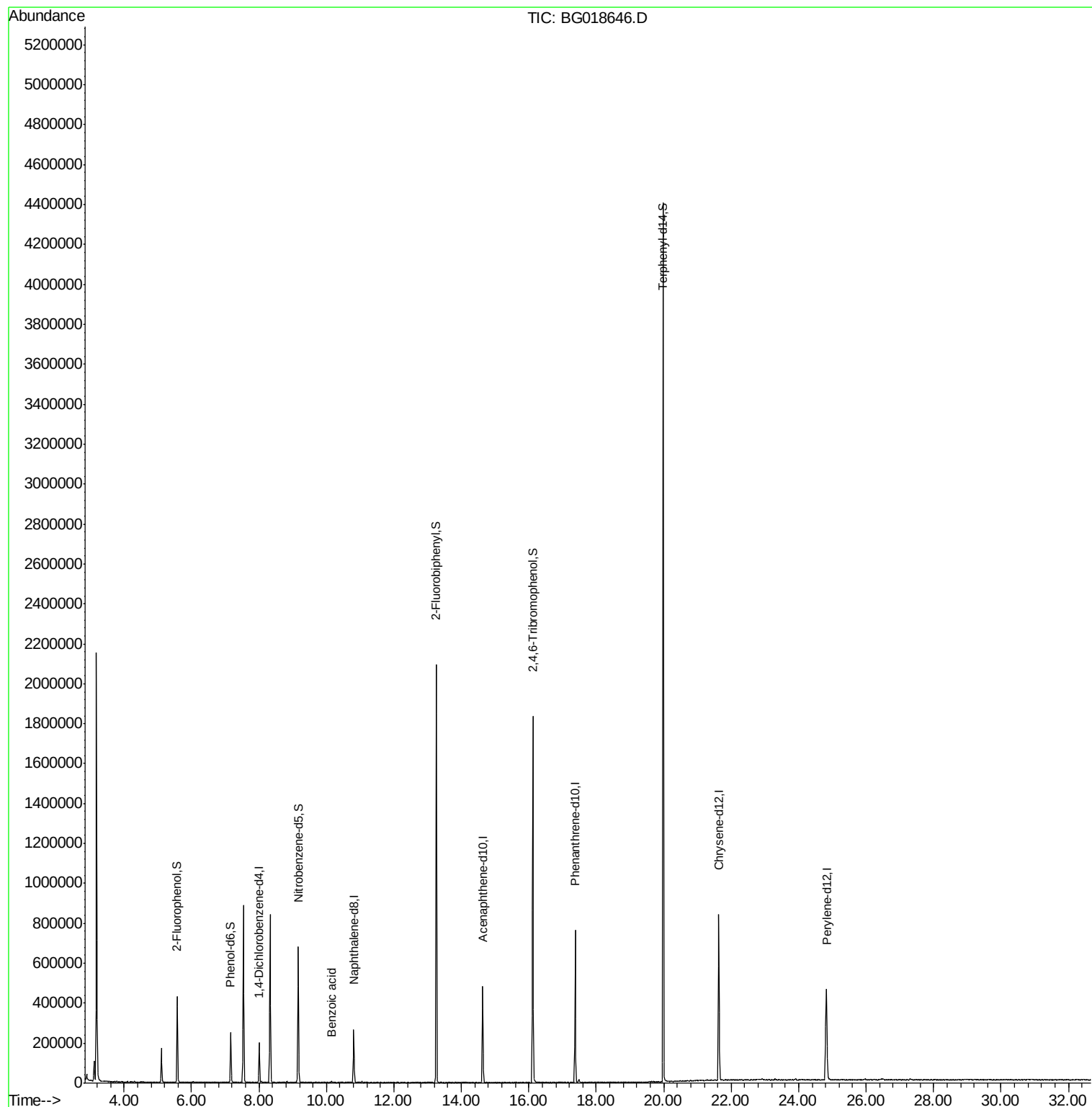
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	61678	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	238277	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	164406	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	463346	20.00	ng	0.00
75) Chrysene-d12	21.63	240	512008	20.00	ng	0.00
86) Perylene-d12	24.82	264	501175	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	203462	56.98	ng	0.00
7) Phenol-d6	7.16	99	164558	32.14	ng	0.00
23) Nitrobenzene-d5	9.17	82	431084	101.24	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	341831	154.42	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1107831	93.54	ng	0.00
78) Terphenyl-d14	19.98	244	1801291	92.38	ng	0.00
Target Compounds						
32) Benzoic acid	10.15	122	60	7.95	ng	Qvalue # 1

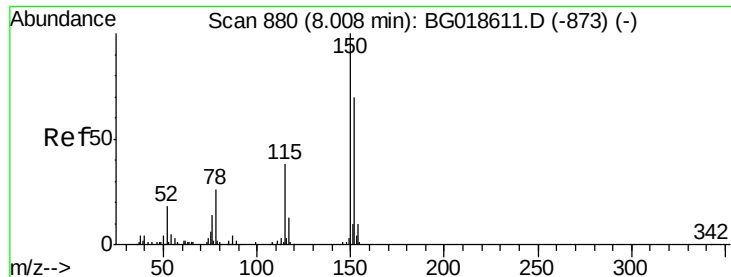
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 12 00:38:37 2015
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QLast Update : Fri Sep 11 10:44:16 2015
Response via : Initial Calibration



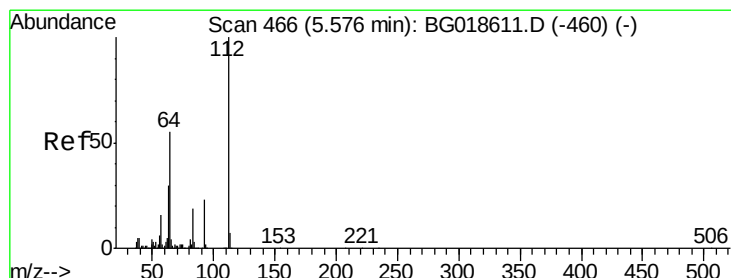
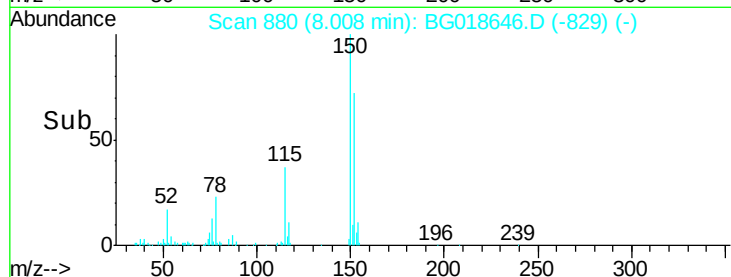
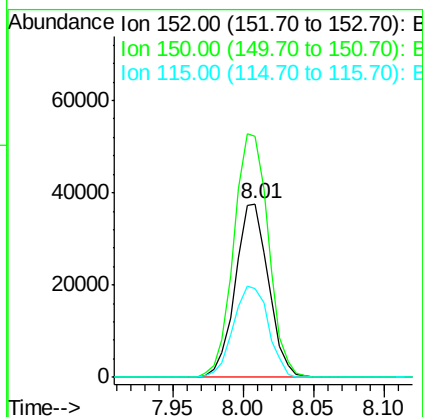
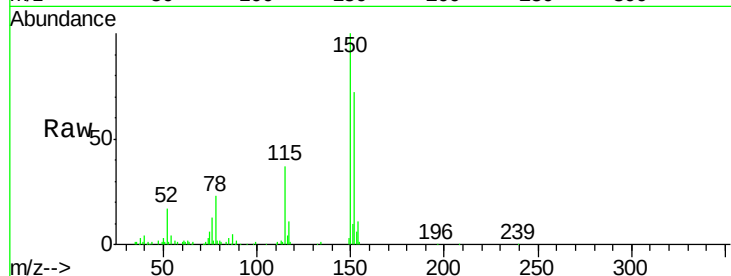


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.01 min Scan# 880
Delta R.T. -0.00 min
Lab File: BG018646.D
Acq: 11 Sep 2015 19:26

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

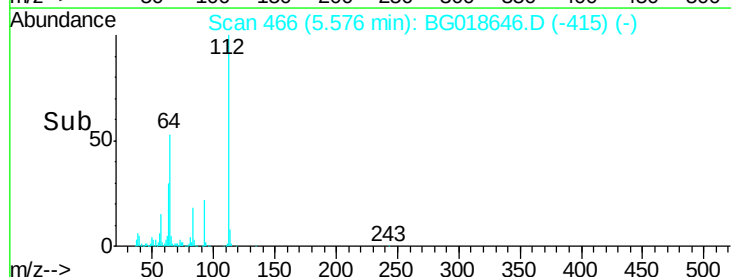
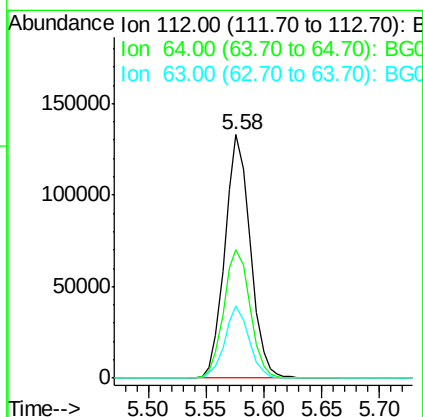
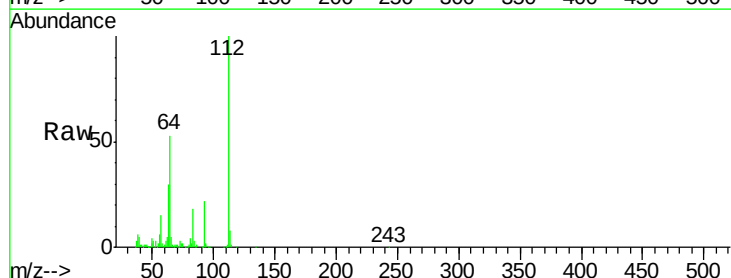
Tot Ion:152 Resp: 61678
Ion Ratio Lower Upper
152 100
150 138.9 115.0 172.4
115 51.4 43.9 65.9

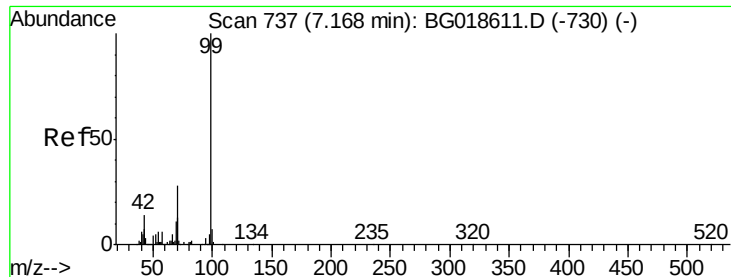


#5

2-Fluorophenol
Concen: 56.98 ng
RT: 5.58 min Scan# 466
Delta R.T. -0.00 min
Lab File: BG018646.D
Acq: 11 Sep 2015 19:26

Tgt Ion:112 Resp: 203462
Ion Ratio Lower Upper
112 100
64 52.7 43.7 65.5
63 29.6 24.0 36.0





#7

Phenol-d6

Concen: 32.14 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018646.D

Acq: 11 Sep 2015 19:26

Instrument :

BNA_G

ClientSampleId :

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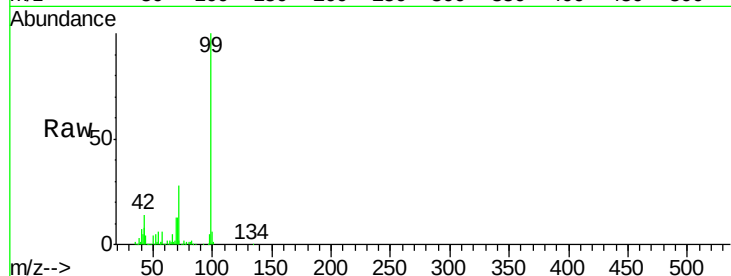
Tot Ion: 99 Resp: 164558

Ion Ratio Lower Upper

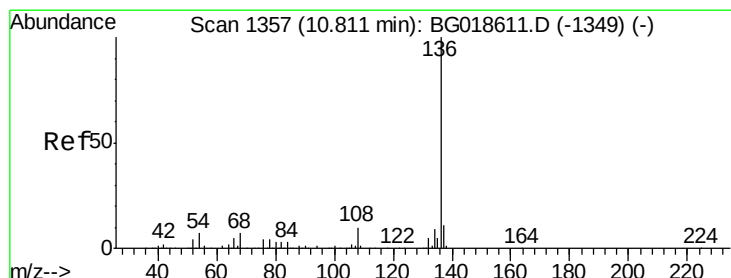
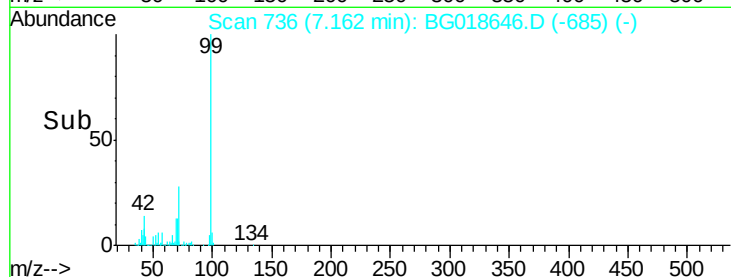
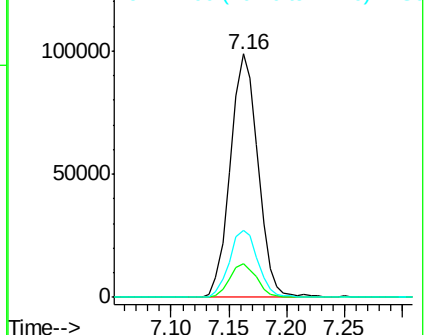
99 100

42 13.7 11.5 17.3

71 27.6 22.6 34.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG018646.D

Acq: 11 Sep 2015 19:26

Tgt Ion: 136 Resp: 238277

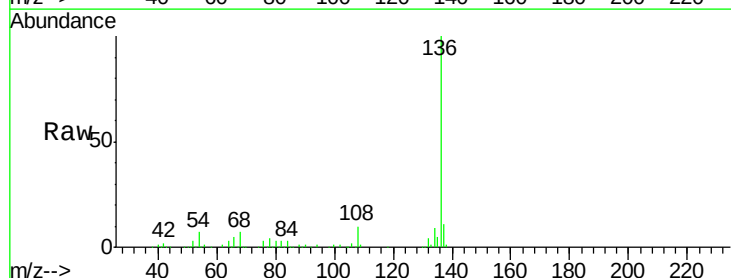
Ion Ratio Lower Upper

136 100

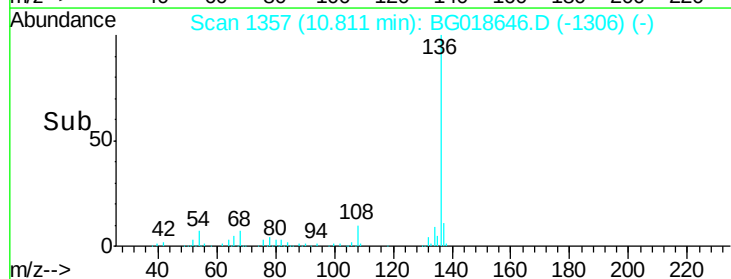
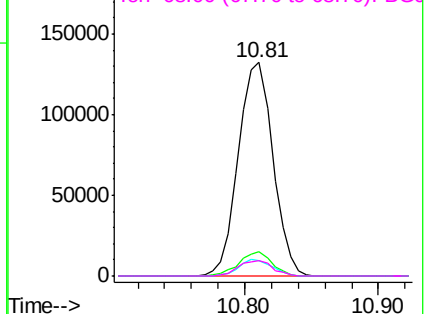
137 11.3 8.6 12.8

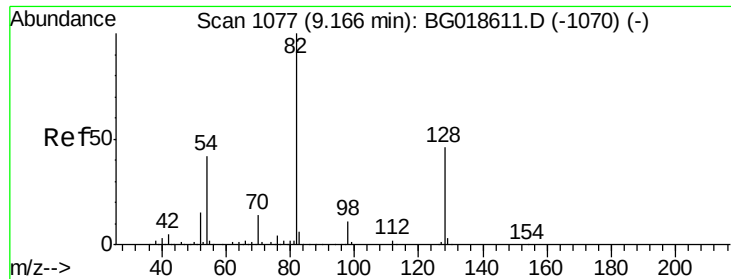
54 7.4 5.4 8.2

68 7.0 5.3 7.9



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

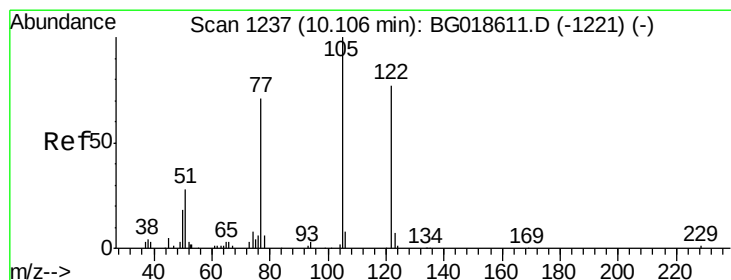
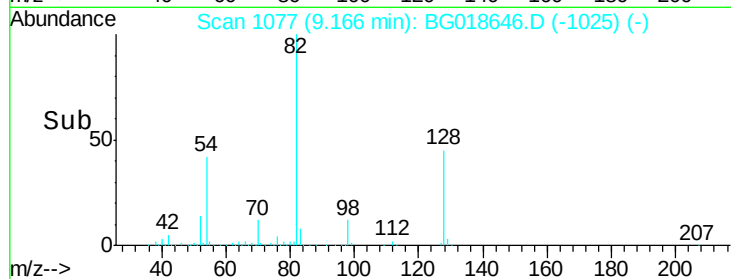
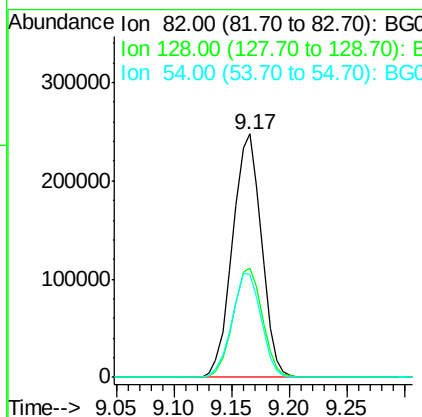
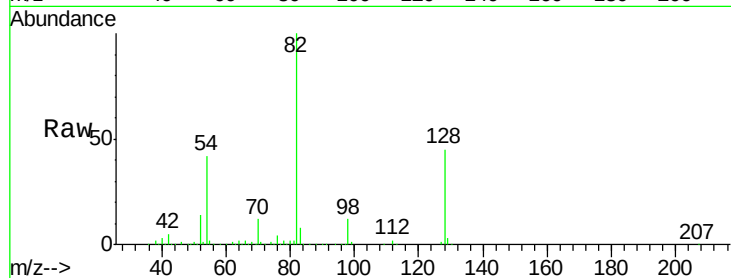




#23
 Nitrobenzene-d5
 Concen: 101.24 ng
 RT: 9.17 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BG018646.D
 Acq: 11 Sep 2015 19:26

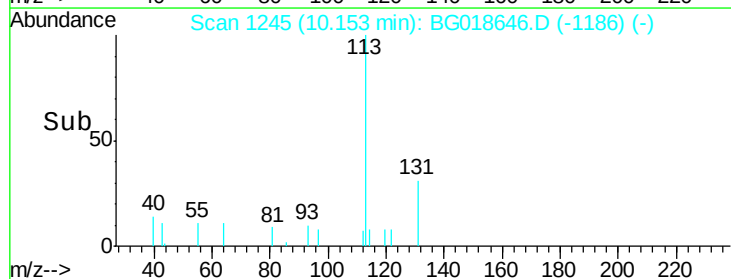
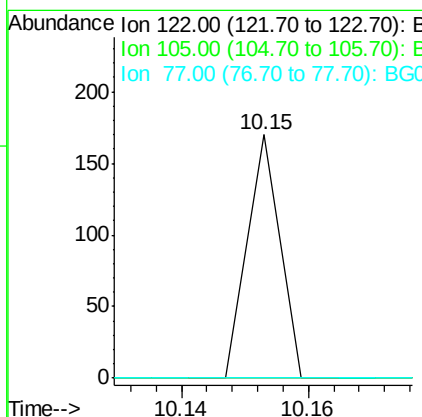
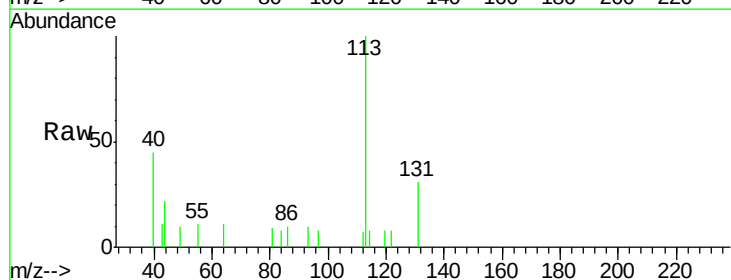
Instrument :
 BNA_G
 ClientSampleId :
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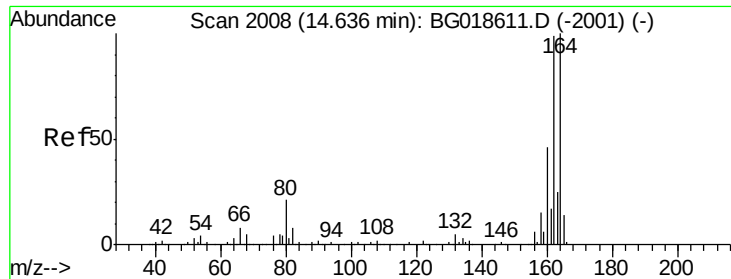
Tot Ion: 82 Resp: 431084
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.7 55.1
 54 42.3 33.8 50.8



#32
 Benzoic acid
 Concen: 7.95 ng
 RT: 10.15 min Scan# 1245
 Delta R.T. 0.05 min
 Lab File: BG018646.D
 Acq: 11 Sep 2015 19:26

Tgt Ion: 122 Resp: 60
 Ion Ratio Lower Upper
 122 100
 105 0.0 103.8 143.8#
 77 0.0 68.8 108.8#

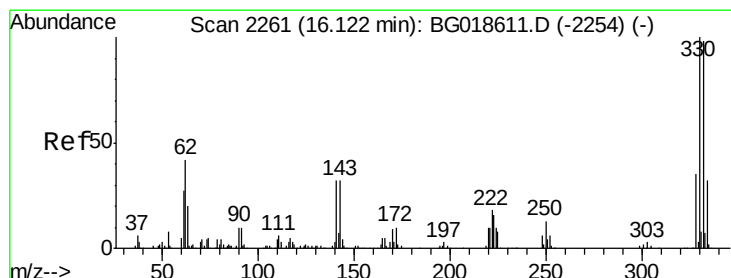
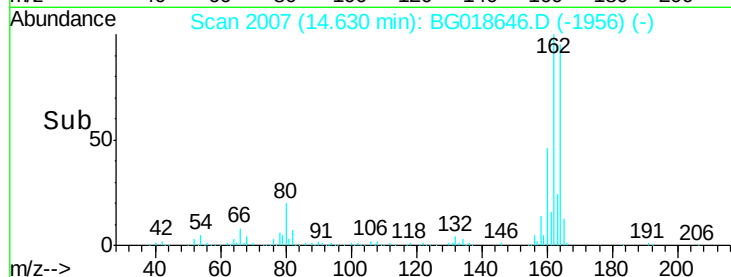
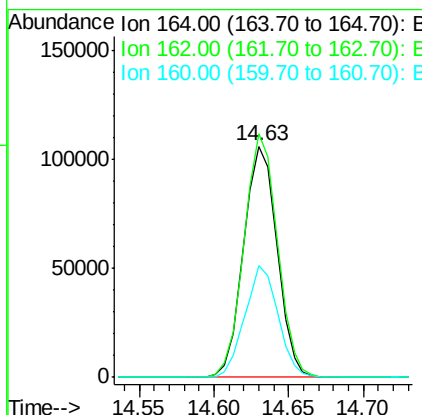
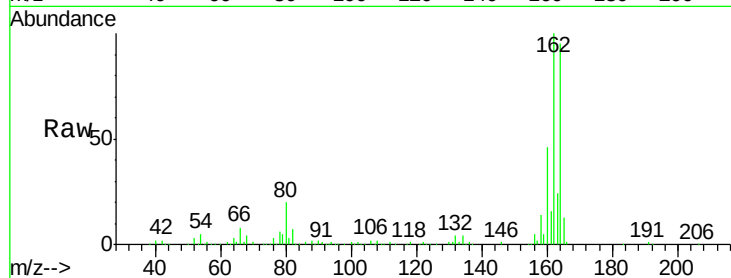




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG018646.D
Acq: 11 Sep 2015 19:26

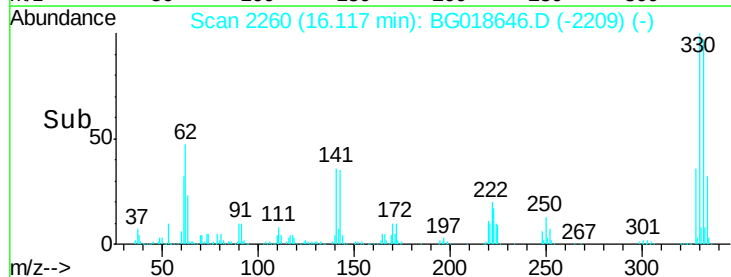
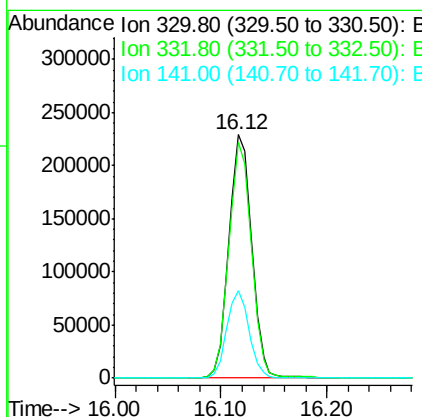
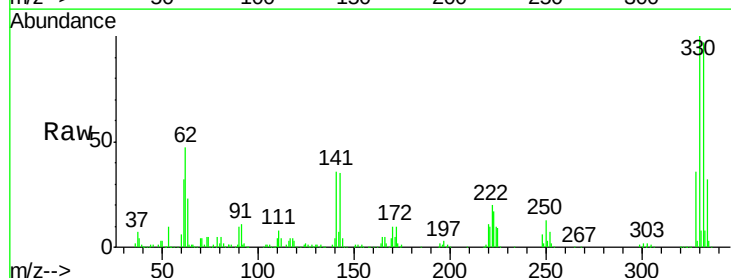
Instrument :
BNA_G
ClientSampleId :
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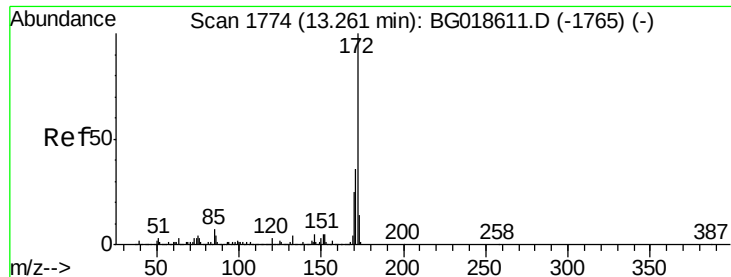
Tot Ion:164 Resp: 164406
Ion Ratio Lower Upper
164 100
162 105.4 78.8 118.2
160 48.6 36.4 54.6



#41
2,4,6-Tribromophenol
Concen: 154.42 ng
RT: 16.12 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BG018646.D
Acq: 11 Sep 2015 19:26

Tgt Ion:330 Resp: 341831
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 35.5 28.2 42.2

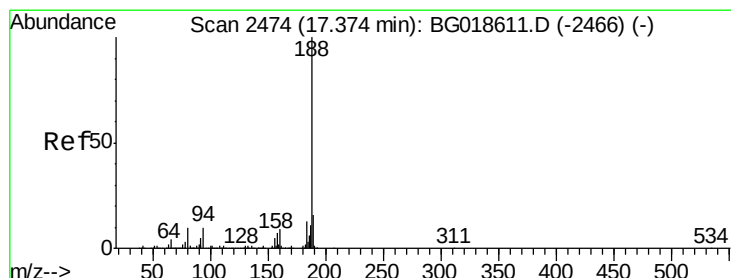
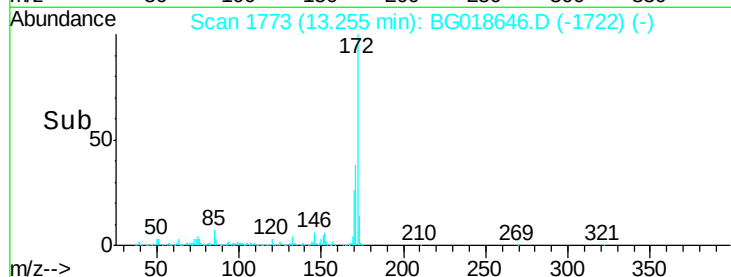
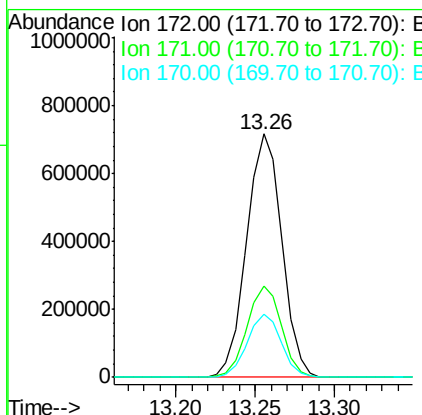
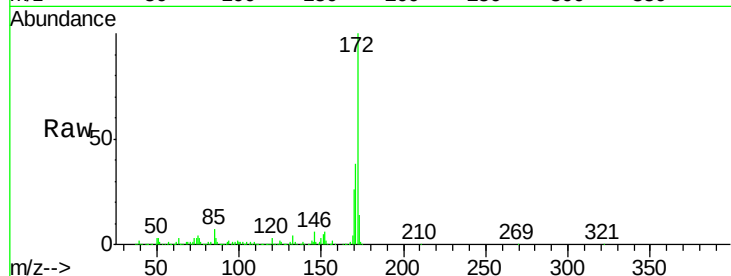




#44
2-Fluorobiphenyl
Concen: 93.54 ng
RT: 13.26 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG018646.D
Acq: 11 Sep 2015 19:26

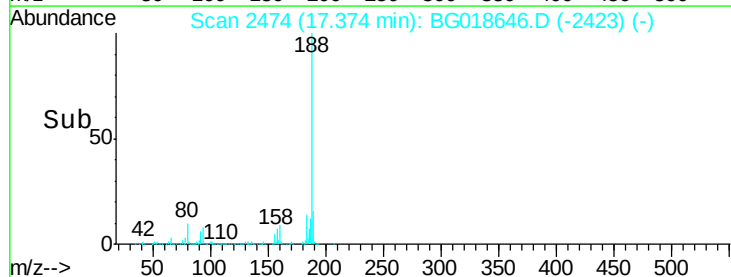
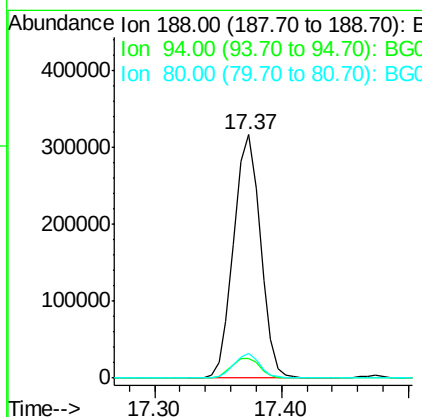
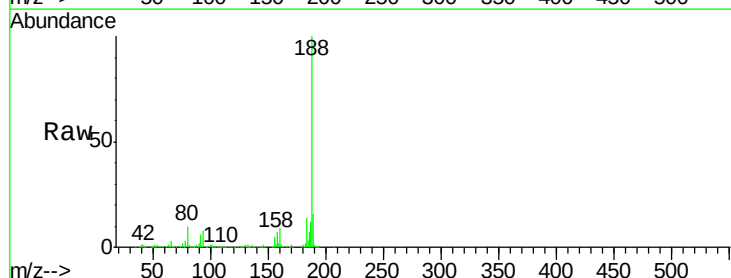
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ClientSampleId :
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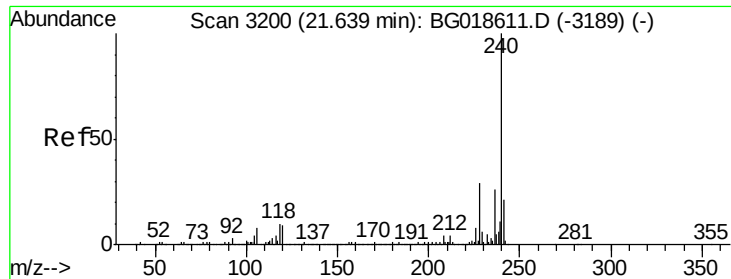
Tot Ion:172 Resp: 1107831
Ion Ratio Lower Upper
172 100
171 37.6 29.0 43.6
170 25.9 19.9 29.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BG018646.D
Acq: 11 Sep 2015 19:26

Tgt Ion:188 Resp: 463346
Ion Ratio Lower Upper
188 100
94 8.2 7.7 11.5
80 9.9 7.8 11.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BG018646.D

Acq: 11 Sep 2015 19:26

Instrument :

BNA_G

ClientSampleId :

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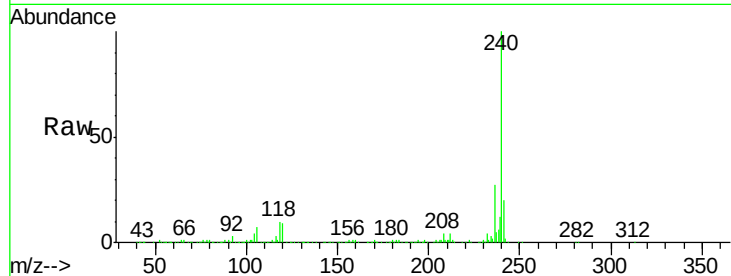
Tot Ion:240 Resp: 512008

Ion Ratio Lower Upper

240 100

120 9.5 7.4 11.0

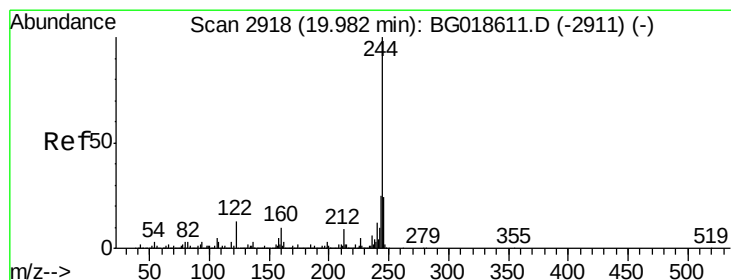
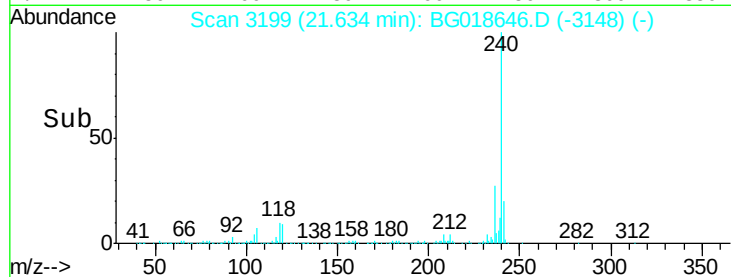
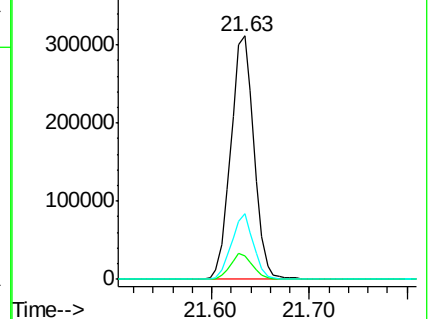
236 27.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 92.38 ng

RT: 19.98 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BG018646.D

Acq: 11 Sep 2015 19:26

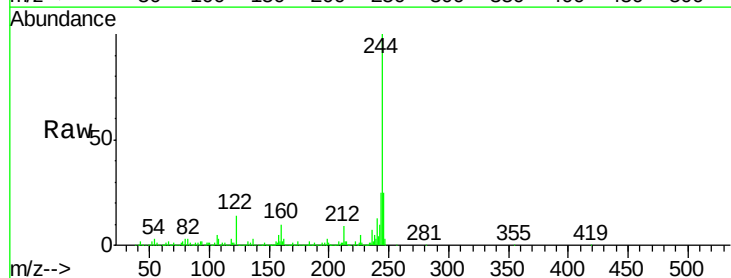
Tgt Ion:244 Resp: 1801291

Ion Ratio Lower Upper

244 100

212 9.3 6.9 10.3

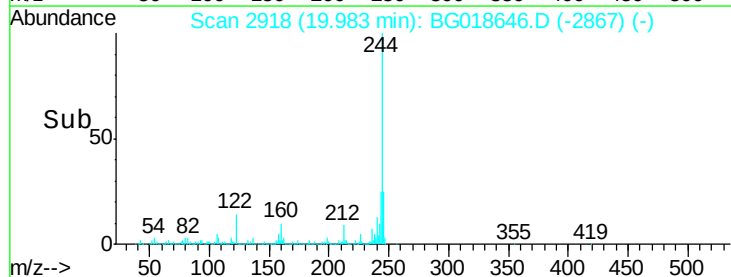
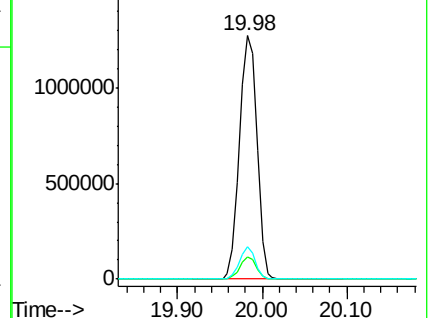
122 13.5 10.2 15.2

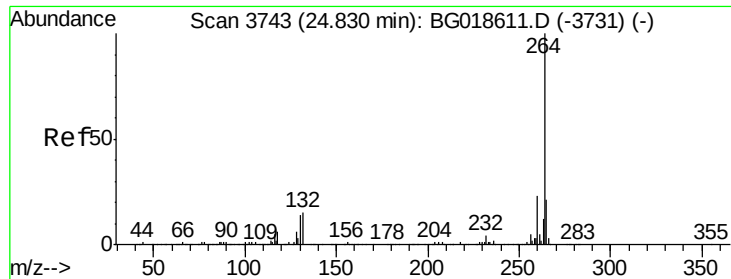


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3742
Delta R.T. -0.00 min
Lab File: BG018646.D
Acq: 11 Sep 2015 19:26

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.5	27.7
265	21.4	17.2	25.8

